



## Madeleine angevine B



### Name of the variety in France

Madeleine angevine

### Origin

This table grape variety was obtained by Mr. Vibert in 1857 in Angers. Based on genetic analyses carried out in Montpellier, this variety would be the result of the crossbreeding between Madeleine royale and Blanc d'Ambre.

### Synonyms

There is no officially recognized synonym in France nor in the other countries of the European Union, for this variety.

### Legal information

In France, Madeleine angevine is officially listed in the "Catalogue of vine varieties" on the A list. This variety is also listed in the catalogues of other Member States of the European Union: Denmark and Sweden.

### Use

Table grape variety.

### Evolution of cultivated areas in France

	1958	1968	2008	2018
ha	21	141	7	0

Surfaces of all Madeleines, except Madeleine royale.

### Descriptive elements

The identification is based on:

- the tip of the young shoot with a high density of prostrate hairs,
- the green young leaves with bronze spots,
- the circular adult leaves, with five or seven lobes, very deep lateral sinuses, an open or slightly open U-shaped petiole sinus, with sometimes naked petiole veins, short teeth with straight sides, a weak anthocyanin coloration of veins, a strongly blistered, twisted and gofferred leaf blade, and on the lower side of the leaves, a medium density of erect and prostrate hairs,
- the female flowers,
- the ellipsoid berries.

## Genetic profile

Microsatellite	VVS2	VVMD5	VVMD7	VVMD27	VRZAG62	VRZAG79	VVMD25	VVMD28	VVMD32
Allel 1	133	234	247	178	194	250	240	216	239
Allel 2	153	238	247	191	204	260	254	243	271

## Phenology

Bud burst: 3 days before Chasselas.

Grape maturity: very early season, 1 week and a half before Chasselas.

## Suitability for cultivation and agronomic production

Madeleine angevine is an early variety, moderately vigorous, with a semi-erect bearing which can be pruned short. Due to its female flowers, Madeleine angevine is particularly susceptible to coulure and to millerandage.

## Susceptibility to diseases and pests

Madeleine angevine is not very susceptible to grey rot.

## Technological potentiality

The bunches are small and loose. The berries are medium in size, simple-flavored, with a moderately thick skin and a soft pulp.

## Clonal selection in France

There is no certified clone for this variety yet.

## Bibliographic references

- Catalogue des variétés et clones de vigne cultivés en France. Collectif, 2007, Ed. IFV, Le Grau-du-Roi, France.
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- Traité général de viticulture, Ampélographie. P. Viala and V. Vermorel, 1901-1909, Ed. Masson, Paris, France.



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